

DEC 05 2006

Application No. 10/775,542

Filed: February 10, 2004

TC Art Unit: 3742

Confirmation No.: 6694

REMARKS

The above listing of the claims incorporates the amendments set forth in Applicants' Amendment dated October 6, 2006.

In addition, in the Advisory Action dated October 20, 2006, the Examiner indicated that the one or more eductors on each side still does not form an alternate pattern as one on each side may be only offset from each, but does not form a pattern as claimed.

Accordingly, independent claim 19 as amended herein further recites one or more eductors on each side of the furnace chamber, operation of the one or more eductors on one side alternating with operation of the one or more eductors on the other side according to a timing cycle to provide forward and reverse flow directions in the chamber, to achieve a uniform and high volume circulation of gas within the furnace chamber. Independent claim 23 as amended herein recites a controller in communication with the eductors, the controller including a timing cycle to alternate operation of the at least one eductor on one side and operation of the at least one eductor on the other side to provide forward and reverse flow directions in the chamber, to achieve a uniform circulation of gas in the chamber and uniform heating of the materials. Support for these amendments can be found in the specification at, for example, page 4, lines 23-26. Accordingly, the alternating pattern is believed to be clarified.

All claims are believed to be in condition for allowance for the reasons set forth above and in Applicant's response filed October 6, 2006. Accordingly, reconsideration and indication thereof are respectfully requested. The Examiner is encouraged to

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telephone the undersigned attorney to discuss any matter that  
would expedite allowance of the present application.

Respectfully submitted,

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